

ASAMM-Beaufort – Flight 11 – 7 August 2013

Area flown: Blocks 1 and 2, one complete transect; Block 4, five complete transects; Block 6, one complete and four partial transects.

Total hours flown: 4.3

Total transect hours: 2.1

Number of bowheads seen: 21 (2 calves)

Weather and visibility: Skies were partly cloudy to clear. Sea state ranged from Beaufort 2-4.

Visibility ranged from <1 to 10 km, with glare and fog; fog prevented completion of most transects. Sea ice cover ranged from 0-45% broken floe ice in the area surveyed.

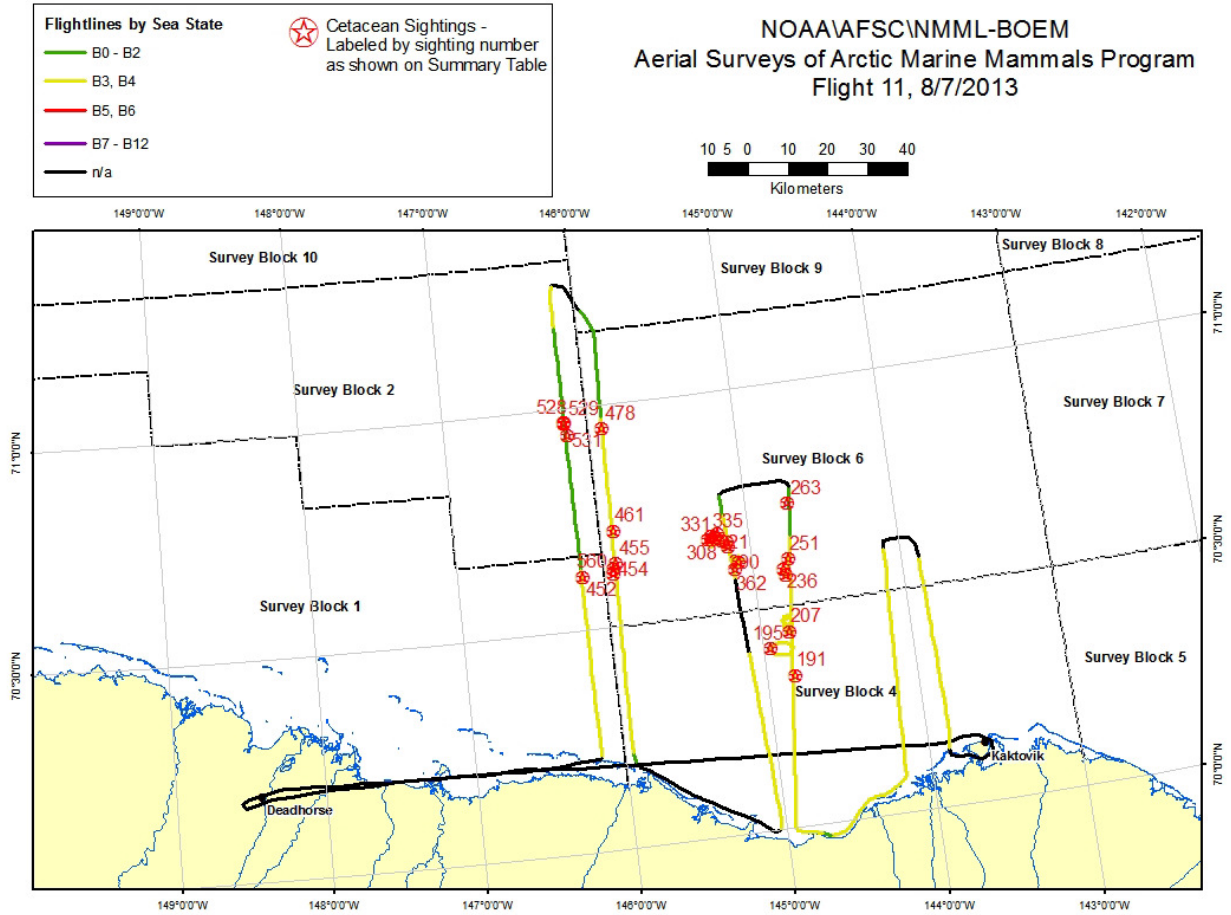
Sightings: Bowhead whales and belugas (including 2 calves).

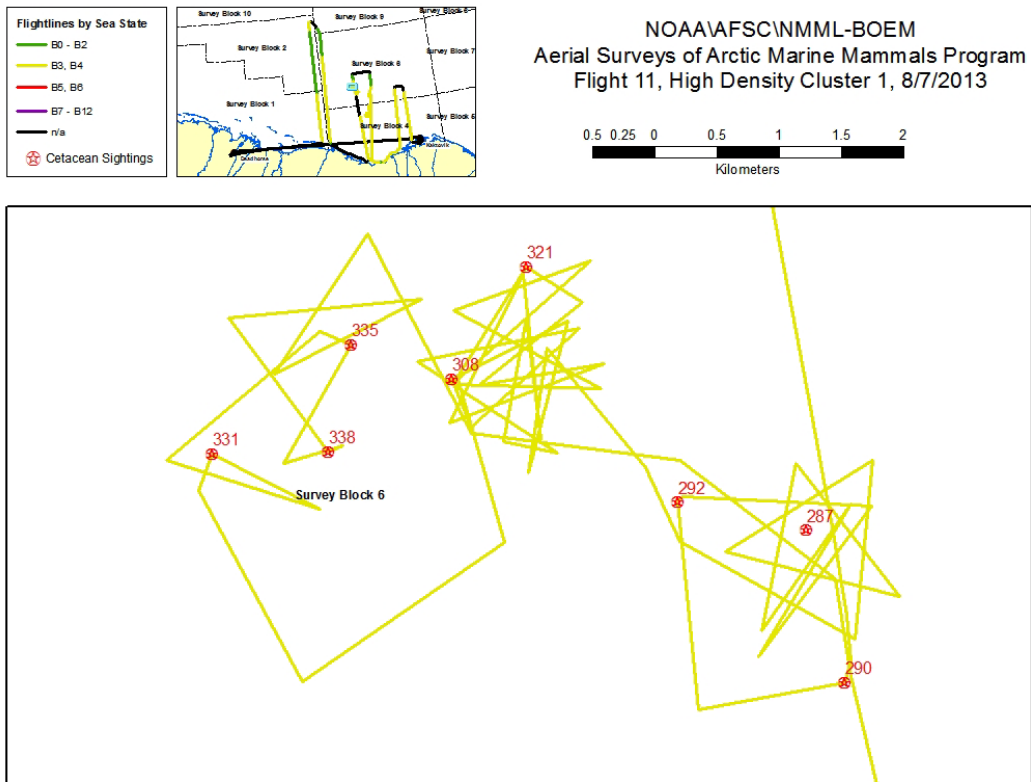
Preliminary Summary, Flight 11 Date: 8/7/2013

Total bowhead whales: 21	Start time: 8/7/2013 2:24:20 PM	End time: 8/7/2013 6:41:07 PM
Bowhead whale sightings: 17	Transect minutes: 125	Transect km: 483.1
Bowhead whales on transect: 11	Circling minutes: 47	Circling km: 127.8
Bowhead whale cow-calf pairs: 2	Trans+Circ minutes: 172	Trans+Circ km: 610.9
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 12	Search km: 44
Bowhead whale repeats: 0	Total minutes: 257	Total km: 1055.9
Possible repeats: 0	Deadhead minutes: 73	Deadhead km: 401
Total gray whales: 0	Search blocks: 6, 4, 1	
Total belugas: 39	Transect blocks: 4, 6, 2, 1	
Other whale sightings: 0		
Total walrus: 0		
Total polar bears: 0		

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
191	70.34	-144.83	4	bowhead whale	1	0	swim	246	True
195	70.4	-144.81	4	bowhead whale	1	0	swim	127	True
207	70.44	-144.8	4	bowhead whale	1	0	swim	246	True
236	70.57	-144.76	6	bowhead whale	2	0	swim	-1	True
240	70.58	-144.79	6	bowhead whale	1	0	swim	-1	False
251	70.6	-144.75	6	bowhead whale	1	0	swim	11	True
263	70.73	-144.7	6	beluga	1	0	swim	96	True
287	70.66	-145.15	6	bowhead whale	2	1	swim	88	True
290	70.65	-145.15	6	bowhead whale	1	0	swim	-1	False
292	70.66	-145.18	6	bowhead whale	2	1	rest	-1	False
308	70.67	-145.22	6	bowhead whale	1	0	rest	-1	False
321	70.68	-145.21	6	bowhead whale	2	0	mill	-1	False
331	70.67	-145.28	6	bowhead whale	1	0	rest	-1	False
335	70.68	-145.25	6	bowhead whale	1	0	mill	-1	False
338	70.67	-145.25	6	bowhead whale	1	0	mill	-1	False
351	70.61	-145.14	6	bowhead whale	1	0	rest	-1	True
362	70.6	-145.13	6	bowhead whale	1	0	dive	-1	True
452	70.62	-145.93	6	beluga	20	0	swim	91	True
454	70.63	-145.93	6	beluga	6	0	swim	95	True
455	70.64	-145.92	6	beluga	4	0	swim	92	True
461	70.72	-145.92	6	bowhead whale	1	0	rest	-1	True
478	70.95	-145.9	6	beluga	1	0	rest	-1	True
528	70.97	-146.16	2	beluga	2	1	swim	240	True
529	70.97	-146.16	2	beluga	3	1	swim	241	True
531	70.94	-146.16	2	beluga	1	0	swim	300	True
560	70.62	-146.16	1	beluga	1	0	swim	122	True

NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 11, 8/7/2013





ASAMM-Beaufort official team photo (#2) on a typical sunny summer day in the Arctic. Clockwise from top left: Jim Kopczynski, Janet Clarke, Lisa Barry, Vicki Beaver and John Siegel.